





PRESENTATION OVERVIEW

- Constraints and needs of university professors
- Play as a subjective phenomenon that requires a ludic attitude
- Focusing on serious play instead of serious games
- $\quad \ \ \bullet \quad \ \$ Fostering a ludic attitude in the context of a university classroom
- Challenging the idea that sophisticated technologies and gameplay are needed to foster serious play

BASIC NEEDS
AND CONSTRAINTS...

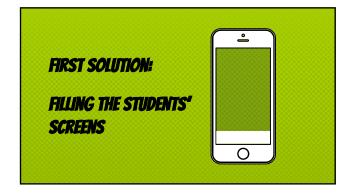
STUDENTS BROWSING AND TEXTING IN CLASS

48 % of the students « often » send text messages during their course and 15% browse the Internet (Michaut and Roche, 2017; Clayson and Haley, 2013)

Students spend **37% of their time** browsing the web during a course (Ravizza and al., 2016)

Facebook uses **34% of the WiFi bandwidth** at Université Lyon-III (Nunès, 2018)



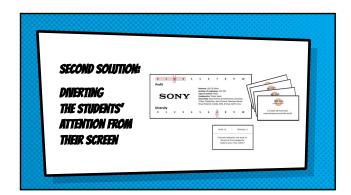




USING ONLINE
VOTING SYSTEMS
TO COLLECT
FFEDBACK AND
CREATE QUIZZES

Oo to www.ment.com and use the code 42 50 08
Le documentaire présente l'histoire du jeu vidéo à partir de quel(s) modèle(s)?

USING A
CONCEPT
MAPPING
SOFTWARE TO
CREATE PUZZLE
GAMES



INSUFFICIENT TIME

SERIOUS GAMES FOR UNIVERSITY CLASSROOMS SHOULD:

- BE EASY TO LEARN AND MASTER
- LAST BETWEEN 30 MIN AND 1 HOUR

INSUFFICIENT RESSOURCES

SERIOUS GAMES FOR UNIVERSITY CLASSROOMS SHOULD BE:

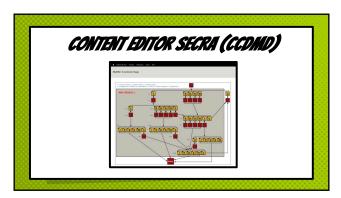
- PAPER GAMES THAT PROFESSORS CAN PRINT DIRECTLY
- APPLICATIONS THAT CAN BE PLAYED ON SMARTPHONES
 AND THAT STUDENT CAN ACCESS FOR FREE

DIVERSITY OF CONTENT

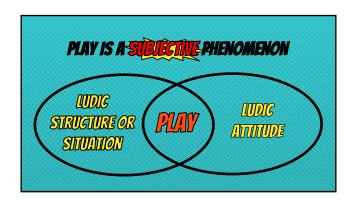
UNIVERSITY PROFESSORS NEED:

GAME TEXTPLATES THAT THEY CAN EASILY CUSTOMIZE
AND FILL WITH THEIR OWN CURRICULAR CONTENT

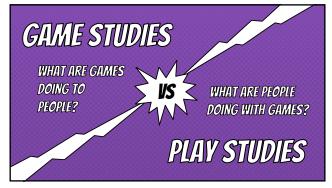




SERIOUS GAMES DO NOT ALWAYS
GENERATE SERIOUS PLAY...











OBJECTS WITH LITTLE PLAY
POTENTIAL CAN ALSO BE
APPREHENDED WITH A
LUDIC ATTITUDE ...

FOSTERING A LUDIC ATTITUDE IN THE CLASSROOM

- ❖ not all students are players
- the activity is not entirely free and voluntary
- the context of the classroom is usually not "framed" as play and playing outside of an "appropriate" context can be embarrassing for some people (Deterding, 2014)





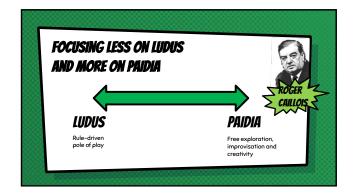


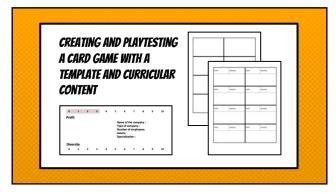
HOW CAN WE FOSTER A LUDIC ATTITUDE IN THE CLASSROOM?

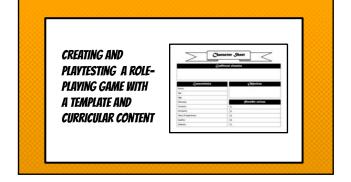


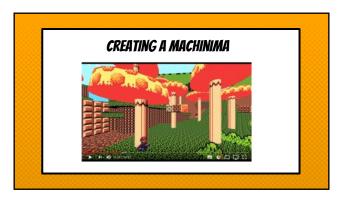
MAKING PLAY OPTIONAL

THE PLAYFUL ATTITUDE IS FAVORED BY
THE FEELING OF BEING FREE TO PLAY











GAMIFIED WORKSHOPS SHOULD BE PRESENTED TO THE STUDENTS AS AUTOTELES * FROM THE GREEK AUTOTELES AUTOS: SELF TELOS: GOAL

PROFESSORS SHOULD INSIST ON INTRINSIC REWARDS SUCH AS:

- **POSITIVE EMOTIONS**
- * SOCIAL CONNECTIONS
- * FEELING OF MASTERING A KNOWLEDGE
- *** CONTRIBUTION TO SOMETHING BIGGER**

FAVORING TEAM WORK AND COOPERATION

- $\boldsymbol{\diamondsuit}$ What keeps people playing at a game is $\boldsymbol{\textbf{social}}$ (Jansz and Tanis, 2007)
- Online gaming is foremost motivated by possibilities of cooperation and communication (Frostling-Henningsson, 2009: 257)
- Cooperative contexts encourage players to engage with the objectives of the game more than competitive contexts (Peng et Hsieh, 2012)
- Players are more engaged when they are copresent in the same physical space (Greenberg and Voida, 2008)

FAVORING TEAM WORK AND COOPERATION

- 66% of Canadian university students feel « very lonely » (Beaudette, 2016)
- The feeling of loneliness is the main cause of depression and psychological distress among students (Lessard, 2016; FAÉCUM, 2016)

FAVORING HEALTHY-COMPETITION

MOST PLAYERS PREFER TO PLAY AGAINST OTHER MUMANS THAN AGAINST AI SINCE IT TRIGGERS STRONGER EMOTIONS

(MANDRYK AND INKPEN, 2004)

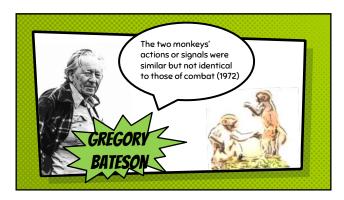
FAVORING HEALTHY-COMPETITION

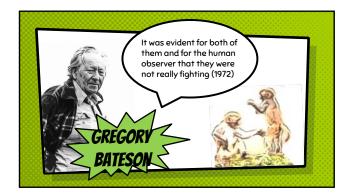
- 47% of PhD students and 37% of master students have episodes of depression, anxiety and burnout
- Students sleep on average 6.6 hours / night

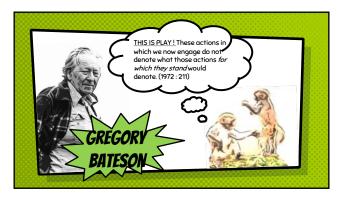
(Panger and al., 2014; Lessard, 2016)

OPTING FOR THE FORMULA:
"NOTHING TO LOSE AND
EVERYTHING TO GAIN"









LUDIC INTERPREATIVE FRAMEWORK

TO PLAY TOGETHER, PEOPLE HAVE TO ACCEPT A METALULE ACCORDING TO WHICH: "THIS IS PLAY"

SOPHISTICATED TECHNNOLOGIES AND GAMEPLAY ARE NOT NECESSARY TO FOSTER A LUDIC ATTITUDE

ALL GAMES CAN GENERATE SERIOUS PLAY

TRADITIONAL DEFINITION OF SERIOUS GAMES

GAMES IN WHICH LEDUCATION (IN ITS VARIOUS FORMS) IS THE PRIMARY GOAL, RATHER THAN ENTERTAINMENT

(ABT IN MICHAEL AND CHEN, 2006: 23)

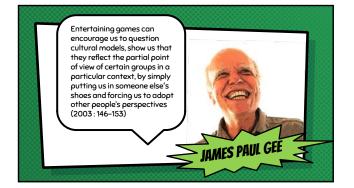
GROWING CONSENSUS

All games have serious implications as they enhance:

- ❖ motor skills
- spatial perception
- general curiosity
- cognitive skills
- ❖ mental maps

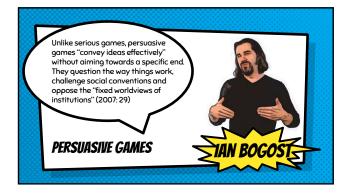
(Koster in Michael and Chen, 2006: 25)

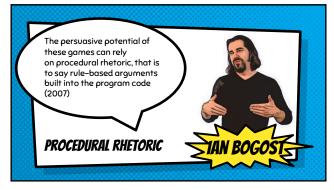
USING ENTERTAINMENT GALLES TO GENERATE SERIOUS PLAY AND LEARN KNOWLDEGE



RELYING ON GAMES' CAPACITY TO DO SOMETHING TO PEOPLE INSTEAD OF THEIR CAPACITY TO MAKE PEOPLE DO SOMETHING

(RUFFINO, 2014: 54)







THE SERIOUS ATTITUDE IS ALSO A TYPE
OF THINKING, A STATE OF MIND, AN
INTERPRETATIVE FRAMEWORK, BASED ON
THE IDEA THAT "I CAN LEARN WHILE
PLAYING"



ENTERTAINMENT GAMES CAN FOSTER SERIOUS PLAY WHEN FRAMED AS SERIOUS BY A PROFESSOR IN THE CONTEXT OF A CLASSROOM





CONCLUSION

WE SHOULD NOT LOSE SIGHT OF THE MOST BASIC NEED WHEN IT COMES TO LEARNING WITH GAMES: THE NECESSITY TO FOSTER A SERVOUS LUDIC ATTITUDE AMONG THE PLAYERS AND THE IMPORTANCE OF THE CONTEXT OF PLAY IN DOING SO

